



# Ultra Performance

It's all about performance.





% Visible light transmittance @ 550nm	76
% Visible light reflectance out	8
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	40

For information on the calculation method of published specifications please refer to the final pages of this booklet.



% Visible light transmittance @ 550nm	73
% Visible light reflectance out	8
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	37

For information on the calculation method of published specifications please refer to the final pages of this booklet.



% Visible light transmittance @ 550nm	64
% Visible light reflectance out	8
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	37

For information on the calculation method of published specifications please refer to the final pages of this booklet.



% Visible light transmittance @ 550nm	43
% Visible light reflectance out	7
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	40

For information on the calculation method of published specifications please refer to the final pages of this booklet.



% Visible light transmittance @ 550nm	34
% Visible light reflectance out	6
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	43

For information on the calculation method of published specifications please refer to the final pages of this booklet.



% Visible light transmittance @ 550nm	20
% Visible light reflectance out	6
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	49

For information on the calculation method of published specifications please refer to the final pages of this booklet.





% Visible light transmittance @ 550nm	10
% Visible light reflectance out	5
% Ultraviolet (UVA/UVB) rejected	>99
Sun protection factor (SPF) (All Solar Gard® films offer 285+ SPF)	285+
% Total solar energy rejected	51

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## **SOLAR ENERGY TECHNICAL DEFINITIONS**

### **Visible light transmittance**

The percent of total visible light that is transmitted through the window film/glass system. The lower the number, the less visible light transmitted.

### **Visible light reflectance out**

The percent of total visible light that is reflected by the window film/glass system. The lower the number, the less visible light reflected.

### **Ultraviolet rejected**

The percent of ultraviolet (UV) that is blocked by the window film/glass system. The higher the number, the less UV transmitted.

### **Sun protection factor**

The SPF rating is a measure of the protection from UVB ultraviolet radiation caused by exposure to the sun. It is calculated by comparing the amount of time needed to produce a sunburn on protected skin to the amount of time needed to cause a sunburn on unprotected skin. Solar Gard window films block 99% of both UVA and UVB.

### **Total solar energy rejected**

The percent of total solar energy (heat) rejected by the window film/glass system. The higher the number, the more total solar energy (heat) rejected.

## PERFORMANCE NOTES

Performance results were generated with LBNL Windows 5.2 using 1/8" (3mm) clear glass and have been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. Solar Gard® is a participating member of AIMCAL, IWFA, EWFA, and WFAANZ.

Performance results are subject to variations within industry standards and should be used for comparative purposes only.

**Important:** Solar Gard is not responsible for automotive window film installation compliance with the laws of your country, or the laws of any other country where the vehicle may be utilized. You must therefore determine whether such window film is in compliance with any such laws. **Do not install any window film product in violation of any law.**




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